

=> fil reg
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STRUCTURE FILE UPDATES: 25 JUL 2006 HIGHEST RN 896142-63-5
DICTIONARY FILE UPDATES: 25 JUL 2006 HIGHEST RN 896142-63-5

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> d que 11

L1 908 SEA FILE=REGISTRY ABB=ON PLU=ON SYDMS|SSSGTTYY|EGAGVSMT|RCAYD
|QSVSSY|QQGYSISDIDNA/SQSP

→ Shorter sequences 26, 28, 33, 37, 41, 45

=> d que 12

L2 52 SEA FILE=REGISTRY ABB=ON PLU=ON DMRAPTQLLG.SVVQSFSRK|KGVQCQSV
EESGGRL.*VEWEKNGKAEDNY|PEVKVACSEDVDLPC.*PDGQRNLSGKV/SQSP

↪ longer sequences 62, 64, 97

=> fil caplus

FILE 'CAPLUS' ENTERED AT 10:47:46 ON 27 JUL 2006
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FILE COVERS 1907 - 27 Jul 2006 VOL 145 ISS 5
FILE LAST UPDATED: 26 Jul 2006 (20060726/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

=> d his ful

(FILE 'REGISTRY' ENTERED AT 10:26:28 ON 27 JUL 2006)
DEL HIS Y
ACT BELY/A

L1 908 SEA ABB=ON PLU=ON SYDMS|SSSGTTYY|EGAGVSMT|RCAYD|QSVSSY|QQGYSI
SDIDNA/SQSP

L2 52 SEA ABB=ON PLU=ON DMRAPTQLLG.SVVQSFSRK|KGVQCQSVEESGGRL.*VEWEK
NGKAEDNY|PEVKVACSEDVDLPC.*PDGQRNLSGKV/SQSP
SAVE L2 TEMP BELY2/A

FILE 'CAPLUS' ENTERED AT 10:33:02 ON 27 JUL 2006

L3 372 SEA ABB=ON PLU=ON L1
L4 28 SEA ABB=ON PLU=ON L2
L5 249093 SEA ABB=ON PLU=ON ANTIBOD?/OBI
L6 201 SEA ABB=ON PLU=ON L3 AND L5
L7 16 SEA ABB=ON PLU=ON L4 AND L5
L8 1153 SEA ABB=ON PLU=ON (CD83 OR CD 83)/BI
L9 3 SEA ABB=ON PLU=ON L3 AND L8
L10 17 SEA ABB=ON PLU=ON L4 AND L8

<http://www.cas.org/infopolicy.html>

'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

=> d que 111

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L1      908 SEA FILE=REGISTRY ABB=ON PLU=ON SYDMS|SSSGTTYY|EGAGVSMT|RCAVD
          |QSVSSY|QQGYSISIDNA/SQSP
L2      52 SEA FILE=REGISTRY ABB=ON PLU=ON DMRAPTQLLG.SVVQSFSRK|KGVQCQSV
          EESGGRL.*VEWEKNGKAEDNY|PEVKVACSEDVDLPC.*PDGQRNLSGKV/SQSP
L3      372 SEA FILE=CAPLUS ABB=ON PLU=ON L1
L4      28 SEA FILE=CAPLUS ABB=ON PLU=ON L2
L8      1153 SEA FILE=CAPLUS ABB=ON PLU=ON (CD83 OR CD 83)/BI
L9      3 SEA FILE=CAPLUS ABB=ON PLU=ON L3 AND L8
L10     17 SEA FILE=CAPLUS ABB=ON PLU=ON L4 AND L8
L11     18 SEA FILE=CAPLUS ABB=ON PLU=ON L9 OR L10
```

all sequences with

CD 83

=> d .ca hitstr 111 1-18

L11 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:1130780 CAPLUS

DOCUMENT NUMBER: 143:400858

TITLE: Involvement of CD83 and CD137 in the induction of anti-tumor immunity

INVENTOR(S): Hellstrom, Karl Erik; Hellstrom, Ingegerd; Yang, Yi

PATENT ASSIGNEE(S): USA

SOURCE: PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

too many sequences
hits to print. If
you'd like to see
any of the
sequences,
please let
me know and
I'll print
them for
you

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005097997	A1	20051020	WO 2005-US10195	20050325
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2004-556633P P 20040326

ED Entered STN: 21 Oct 2005

AB Compns. and methods are provided for inducing anti-tumor immunity. More specifically, tumor cells and recombinant constructs are provided that express a cell surface CD83 polypeptide and/or a cell surface expressed antibody that specifically binds to an immune cell receptor, particularly an antibody that specifically binds to CD137. The invention also provides recombinant expression constructs comprising polynucleotides that encode a cell surface CD83 polypeptide, a cell surface expressed anti-immune cell receptor antibody, and/or at least one tumor antigen, and the related expressed products.

IC ICM C12N015-12

ICS C12N015-13; C07K014-705; C07K016-28

CC 3-6 (Biochemical Genetics)
Section cross-reference(s): 15, 63
ST CD83 tumor vaccine CD137 scFv human sequence
IT Antigens
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)
(CD137; involvement of CD83 and CD137 in the induction of
anti-tumor immunity)
IT CD antigens
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(CD83; involvement of CD83 and CD137 in the
induction of anti-tumor immunity)
IT Animal cell line
Antitumor agents
CD4-positive T cell
CD8-positive T cell
Carcinoma
Cell proliferation
DNA sequences
Drug delivery systems
Drugs
Human
Immunity
Immunosuppression
Leukemia
Lymphocyte
Lymphoma
Melanoma
Mus musculus
Plasmid vectors
Protein sequences
Sarcoma
Spleen
Transformation, genetic
Transplant and Transplantation
Vaccines
cDNA sequences
(involvement of CD83 and CD137 in the induction of anti-tumor
immunity)
IT Gene, animal
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(involvement of CD83 and CD137 in the induction of anti-tumor
immunity)
IT Antibodies and Immunoglobulins
CTLA-4 (antigen)
Fas ligand
Promoter (genetic element)
Tumor necrosis factor receptors
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)
(involvement of CD83 and CD137 in the induction of anti-tumor
immunity)
IT Lymphocyte
(natural killer cell; involvement of CD83 and CD137 in the
induction of anti-tumor immunity)
IT Antibodies and Immunoglobulins
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)
(single chain; involvement of CD83 and CD137 in the induction
of anti-tumor immunity)